

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 4 September 2003 (04.09.2003)

PCT

(10) International Publication Number WO 03/072129 A1

(51) International Patent Classification⁷:
A61P 9/00

A61K 38/40,

- (21) International Application Number: PCT/SE03/00329
- (22) International Filing Date: 27 February 2003 (27.02.2003)
- (25) Filing Language:

English

(26) Publication Language:

English

- (30) Priority Data: 0200598-1
- 27 February 2002 (27.02.2002) SE
- (71) Applicant and
- (72) Inventor: NORRBY, Klas [SE/SE]; Sundhagsgatan 12, S-SE-414 76 Göteborg (SE).

- (74) Agent: WEST SWEDEN LAW AB; Box 184, Drakegatan 10, S-SE-401 23 Göteborg (SE).
- (81) Designated States (national): AU, JP, US.
- (84) Designated States (regional): European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



(54) Title: PHARMACEUTICAL COMPOSITION AND METHOD FOR TREATMENT OR PREVENTION OF VASCULAR DISEASE OR STATES OF TISSUE HYPOPERFUSION WITH HYPOXIC AND/OR ISCHEMIC CONSEQUENCES

(57) Abstract: ABSTRACTDisclosed is the use of a substance selected from the group consisting of human apo-lactoferrin and/or peptides derivable from human lactoferrin and/or natural metabolites of human lactoferrin and/or functionally equivalent analogues of human apo-lactoferrin for the production of a pharmaceutical composition for treatment and/or prevention of a vascular disease and/or states of tissue hypoperfusion with hypoxic and/or ischemic consequences. Also a method for treatment of a vascular disease and/or states of tissue hypoperfusion with hypoxic or ischemic consequences wherein a therapeutically effective amount of a substance selected from the group consisting of human apo-lactoferrin and peptides derivable from human lactoferrin and natural metabolites of human lactoferrin and functionally equivalent analogues of human apo-lactoferrin is administered to a patient in need of said treatment is disclosed.